



00-25-03

2123
#12
sp

ATTORNEY DOCKET NO.
064731.0171

SERIAL NO. 07-11-03
09/849,010

1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Richard L. Klevans, et al
Serial No.: 09/849,010
Filing Date: May 4, 2001
Group Art Unit: 2123
Title: METHOD AND SYSTEM FOR
HARDWARE SIMULATION

RECEIVED

JUN 26 2003

Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

ATTORNEY DOCKET NO.
064731.0171

SERIAL NO.
09/849,010

2

Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that this Information Disclosure Statement has been filed before the mailing date of a first action. Therefore, Applicants believe that no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.
Attorneys for Applicants

Terry J. Stalford
Reg. No. 39,522

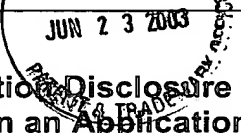
Date: June 23, 2003

2001 Ross Avenue, Suite 600
Dallas, TX 75201-2980
Tel. 214.953.6477

Correspondence Address:

X Customer Number or Bar Code Label



PTO-1449		Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.	
		Docket Number 064731.0171	Group Art Unit 2123	Filing Date May 4, 2001

**Information Disclosure Citation
in an Application**

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	6,515,966 B1	02/04/03	Bardalai et al.	370	236	06/06/2000
	B						
	C						
	D						

RECEIVED

JUN 26 2003

FOREIGN PATENT DOCUMENTS

Technology Center 2100

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	E							
	F							

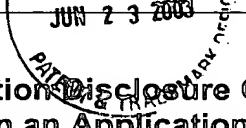
NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	G	Kermani, et al., "Virtual Cut-through: A New Computer Communication Switching Technique", Computer Networks, Vol. 3, Cover, Table of Contents and pp. 267-285, 1979.	1979
	H	Cidon, et al., "MetaRing - A Full Duplex Ring with Fairness and Spatial Reuse", IEEE Transactions on Communications, Vol. 41, Cover and pp. 110-120	01/1993
	I	Ofek, et al., "METANET: Principles of an Arbitrary Topology LAN", IEEE Transactions on Networking, Vol. 3, No. 2, Cover and pp. 169-180	04/1995
	J	West, "Introduction to Graph Theory", Prentice Hall, ISBN 0-13-227828-6, QA166.W43 1996, 7 pages Cover, ISBN page, Table of Contents, and pp. 51-85	1996
	K	Hunter, et al., "WASPNET: A Wavelength Switched Packet Network", IEEE Communications Magazine, 2-page cover and pp. 120-129	03/1999
	L	Hernandez-Valencia, "A Simple Data Link (SDL) Framing Protocol for High-Speed Optical Packet Networks", OIF99.043.0, pp. 1-21	05/04/1999
	M	Simpson, "The Point-to-Point Protocol (PPP)", Daydreamer, RFC-1661, 50 pages	07/1994
	N	Katz, et al., "Traffic Engineering Extensions to OSPF", IETF Draft, draft-katz-yeung-ospf-traffic-01.txt, pp. 1-8	10/1999
	O	Crawley, et al., "A Framework for Qos Based Routing in the Internet", RFC 2386, 35 pages	08/1998
	P	Wimer, et al., FORE Systems, Inc., "OSPF Sub-Areas", IETF Draft, draft-wimer-ospf-sub-areas-00.txt, 13 pages	10/1999
	Q	Wimer, et al., FORE Systems, Inc., "Additional OSPF Extensions for Traffic Engineering and Qos Routing", IETF Draft, draft-wimer-ospf-traffic-00.txt, 5 pages	02/1999
	R	Yeung, "OSPF Extensions for Traffic Engineering", IETF Draft, draft-yeung-ospf-traffic-00.txt, 9 pages	02/1999
	S	Apostolopoulos, et al., "Qos Routing Mechanism and OSPF Extensions", RFC 2676, 47 pages	08/1998
	T	Smit, et al., "IS-IS Extensions for Traffic Engineering", IETF Draft, draft-ietf-isis-traffic-00.txt, 10 pages	05/1999
	U	Awduche, et al., UUNET (MCI WorldCom), "Requirements for Traffic Engineering Over MPLS", RFC 2702, 28 pages	09/1999

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449		Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.	
		Docket Number 064731.0171	Group Art Unit 2123	Filing Date May 4, 2001

**Information Disclosure Citation
in an Application**

NON-PATENT DOCUMENTS

JUN 26 2003

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	Technology Center 2100 DATE
V		Blake, et al., "An Architecture for Differentiated Services", RFC 2475, 34 pages	12/1998
W		Braden, et al., "Resource ReSerVation Protocol (RSVP)", Version 1 Functional Specification, RFC 2205, 105 pages	09/1997
X		Wroclawski, "Specification of the Controlled-Load Network Element Service", RFC 2211, 18 pages	09/1997
Y		Shenker, et al., "Specification of Guaranteed Quality of Service", RFC 2212, 19 pages	09/1997
Z		Reynolds, et al., ISI, "Assigned Numbers", RFC 1700, 215 pages	10/1994
AA		Jacobson, et al., "An Expedited Forwarding PHB", RFC 2598, 11 pages	06/1999
AB		Heinanen, et al., "Assured Forwarding PHB Group", RFC 2597, 11 pages	06/1999
AC		Manchester, et al., Bell Laboratories, "IP over SONET", IEEE Communications Magazine, vol. 36, no. 5, cover and pp. 136-142	05/1998
AD		Heinanen, Telecom Finland "Multi-Protocol Encapsulation over ATM Adaptation Layer 5", RFC 1483, 15 pages	07/1993
AE		The ATM Forum, Technical Committee, "Private Network-Network Interface Specification Version 1.0", af-pnni-0055.000, cover, introduction, acknowledgements and table of contents (18 pages) and 366 pages of text	03/1996
AF		Callon, Digital Equipment Corporation, "Use of OSI IS-IS for Routing in TCP/IP and Dual Environments", RFC 1195, 80 pages	12/1990
AG		Moy, Ascend Communications "OSPF Version 2", RFC 2328, 204 pages	04/1998
AH		Malkin, Bay Networks, "RIP Version 2", RFC 2453, 37 pages	11/1998
AI		Rekhter, et al., "A Border Gateway Protocol 4 (BGP-4)", RFC 1771, 54 pages	03/1995
AJ		Goguen, et al., "RSVP Label Allocation for Backup Tunnels", draft-swallow-rsvp-bypass-label-00.txt, IETF Document, 10 pages	10/1999
AK		Callon, et al., "A Framework for MPLS", draft-ietf-mpls-framework-05.txt, IETF document, 69 pages	09/1999
AL		Rosen, et al., "Multiprotocol Label Switching Architecture", draft-ietf-mpls-arch-06.txt, IETF Document, 62 pages	02/1999
AM		Rosen, et al., "MPLS Label Stack Encoding", IETF document, draft-ietf-mpls-label-encaps-07.txt, 22 pages	09/1999
AN		Andersson, et al., "LDP Specification", IETF document, draft-ietf-mpls-ldp-06.txt, 124 pages	10/1999
AO		Jamoussi, Nortel Networks Corp., "Constraint-Based LSP Setup Using LDP", draft-ietf-mpls-cr-ldp-03.txt, IETF Document, pp. 1-39	09/1999
AP		Guerin, "Qos Routing in Networks with Inaccurate Information: Theory and Algorithms", IEEE/ACM Transactions on Networking, Vol. 7, No. 3, cover and pp. 350-364	06/1999
AQ		Parekh, et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Single Node Case", IEEE Transactions on Networking, Vol. 1, No. 3, cover and pp. 344-357	06/1993
AR		Parekh, et al., "A Generalized Processor Sharing Approach to Flow Control in Integrated Services Networks: The Multiple Node Case", IEEE Transactions on Networking, Vol. 2, No. 2, cover and pp. 137-150,	04/1994
AS		Golestani, "A Self-Clocked Fair Queuing Scheme for Broadband Applications", Proceedings of IEEE Infocom '94, Toronto, Ontario, Canada, cover and pp. 636-646	06/1994

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.	
	Docket Number 064731.0171	Group Art Unit 2123	Filing Date May 4, 2000

**Information Disclosure Citation
in an Application**

NON-PATENT DOCUMENTS

JUN 26 2003

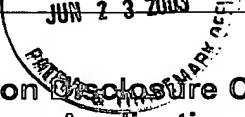
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	Technology Center 2100 DATE
AT		Zhang, "Virtual Clock: A New Traffic Control Algorithm for Packet Switching Networks", ACM SIGCOMM Computer Communication Reviews, Vol. 20, No. 4, pp. 19-29	09/1990
AU		Ferrari, et al., "A Scheme for Real-Time Channel Establishment in Wide-Area Networks", IEEE Journal on Selected Areas in Communications, Vol. 8, No. 3, cover and pp. 368-379	04/1990
AV		Wrege, et al., "A Near-Optimal Packet Scheduler for QoS Networks", Proceedings of IEEE Infocom '97, Kobe, Japan, cover and pp. 576-583	04/07-12/1997
AW		Golestani, "A Stop-and-Go Queuing Framework for Congestion Management", ACM SIGCOMM Computer Communications Review, Vol. 20, No. 4., pp. 8-18	09/1990
AX		Kalmanek, et al., "Rate Controlled Servers for Very High-Speed Networks", Proceedings of IEEE Globecom '90, San Diego, CA, Conference Record Vol. 1 of 3, cover and pp. 300.3.1-300.3.9	12/02-05/1990
AY		Sriram, K., "Methodologies for Bandwidth Allocation, Transmission, Scheduling and Congestion Avoidance in Broadband ATM Networks", Proceedings of IEEE Globecom, '92, Orlando, FL, Conference Record Vol. 3 of 3, cover and pp. 1545-1551	12/06-09/1992
AZ		Jacobson, et al., "Random Early Detection Gateways for Congestion Avoidance", ACM/IEEE Transactions on Networking, Vol. 1, No. 4, cover and pp. 397-413	08/1993
BA		Braden, et al., "Recommendations on Queue Management and Congestion Avoidance in the Internet", RFC 2309, 16 pages	04/1998
BB		Jacobson, "Notes on Using RED for Queue Management and Congestion Avoidance", Network Research Group, Berkeley National Laboratory, Berkeley, CA, NANOG 13, Dearborn, MI, cover and 15 pages	06/08/1998
BC		May, et al., "Analytic Evaluation of RED Performance", pp. 1-10	06/1998
BD		May, et al., "Reasons Not To Deploy RED", pp. 1-5	05/1999
BE		Lakshman, et al., "SRED: Stabilized RED", pp. 1-10	03/1999
BF		Feng, et al., "BLUE: A New Class of Active Queue Management Algorithms", pp. 1-27	03/1999
BG		Cisco's "Distributed Weighted Random Early Detection", Source = http://www.cisco.com/univercd/cc/td/doc/product/software/ios111/cc111/wred.htm#xtocid236360 , 17 pages	02/09/1998
BH		J. Wroclawski, MIT LCS "The Use of RSVP with IETF Integrated Services", RFC 2210, 31 pages	09/1997
BI		Shenker, et al., "General Characterization Parameters for Integrated Service Network Elements", RFC 2215, 15 pages	09/1997
BJ		Braden, et al., "RAPI -- An RSVP Application Programming Interface, Version 5", Internet Draft, 25 pages	08/11/1998
BK		Katsube, et al., "Toshiba's Router Architecture Extensions for ATM: Overview", RFC 2098, 17 pages	02/1997
BL		Rekhter, et al., "Cisco Systems' Tag Switching Architecture Overview", RFC 2105, 13 pages	02/1997
BM		Viswanathan, et al., "ARIS: Aggregate Route-Based IP Switching", Internet draft, 19 pages	03/1997
BN		Newman, et al., "Ipsilon Flow Management Protocol Specification for IPv4 Version 1.0", RFC 1953, 19 pages	05/1996
BO		Davie, et al., "Switching in IP Networks", ISBN 1-558650-505-3, TK5105.875.I57,D38, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 8 pgs. cover, ISBN page, table of contents, pp. 27-55, 117-154, 219-232	1998
BP		Moy, Proteon, Inc., "OSPF Version 2", RFC 1583, 202 pages	03/1994

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449		Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.
Information Disclosure Citation in an Application		Docket Number 064731.0171	Group Art Unit 2123
		Filing Date May 4, 2000	
NON-PATENT DOCUMENTS			RECEIVED JUN 26 2003
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	Technology Center 2100 DATE
BQ		Fuller, et al., "Classless Inter-Domain Routing (CIDR): An Address Assignment and Aggregation Strategy", RFC 1519, 23 PAGES	09/1993
BR		Dumortier, "Toward a New IP over ATM Routing Paradigm", IEEE Communications Magazine, 2-page cover and pp. 82-86	01/1998
BS		White, et al., "ATM Switching and IP Routing Integration: The Next Stage in Internet Evolution?", IEEE Communications Magazine, 2-page cover and pp. 79-83	04/1998
BT		Viswanathan, et al., "Evolution of Multiprotocol Label Switching", IEEE Communications Magazine, 2-page cover and pp. 165-173	05/1998
BU		Laubach, "Classical IP and ARP over ATM", RFC 1577, 16 pages	01/1993
BV		Callon, et al., "A Framework for Multiprotocol Label Switching", Internet-Draft, 65 pages	11/1997
BW		Schmidt, et al., "Multiprotocol over ATM - Building State of the Art ATM Intranets", Manning Publications Co., ISBN 1-884777-42-2, TK5105.875.16S36, 8 pgs. cover, ISBN page, table of contents, and pp. 207-289	1998
BX		Halabi, "Internet Routing Architecture", Cisco Systems, New Riders, Cisco Press, 6 pgs. cover, ISBN page table of contents, and pp. 87-190	1997
BY		Finn, et al., "LAN Emulation over ATM Version 2.0- LUNI Specification", The ATM Forum Technical Committee, AF-LANE-0084.000, 153 pages	07/1997
BZ		Alexander, et al., "Multi-Protocol over ATM Version 1.0", AF-MPOA-0087.000, The ATM Forum Technical Committee, 154 pages	07/1997
CA		Deering, Stanford University, "Host Extensions for IP Multicasting", STD 5, RFC 1112, 16 pages	08/1989
CB		Sahinoglu, et al., "On Multimedia Networks: Self-Similar Traffic and Network Performance", IEEE Communications Magazine, Vol. 37, No. 1, cover and pp. 48-52	01/1999
CC		Fishburn, et al., "Dynamic Behavior of Differential Pricing and Quality of Service Options for the Internet", Proc. First Inter. Conf. on Information and Computation Economics (ICE-98), ACM Press, 1998, pp. 128-139	1998
CD		Steinmetz, et al., "Multimedia: Computing Communications and Applications", Prentice Hall, ISBN 0-13-324435-0, QA76.575.S73, cover, acknowledgment page, LOC page, Index (15 pgs) and pp. 420-450	1995
CE		Gale, et al., "College Admissions and the Stability of Marriage", The American Mathematical Monthly, Vol. 69, Number 1, cover and pp. 9-15	1962
CF		McKeown, "Scheduling Algorithms for Input-Queued Cell Switches", Ph.D. Thesis, Univ. of California at Berkeley, UMI No. 9602658, 12 pages cover, introduction, acknowledgment and index pages, 119 pages text	1995
CG		Simpson, Daydreamer, "PPP over SONET/SDH", RFC 1619, 6 pages	05/1994
CH		Simpson, Daydreamer, "Point-to-Point Protocol (PPP)", RFC 1661, 50 pages	07/1994
CI		Simpson, Daydreamer, "PPP in HDLC-Like Framing", RFC 1662, 24 pages	07/1994
CJ		McCloghrie, et al., "Management Information Base for Network Management of TCP/IP-Based Internets: MIB-II", RFC 1213, 66 pages	03/26/1991
CK		Baker, et al., Cisco Systems, "OSPF Version 2 Management Information Base", RFC 1850, 75 pages	11/1995
CL		Baker, et al., Cisco Systems, "RSVP Management Information Base Using SMIv2", RFC 2206, 60 pages	09/1997
CM		Kastenholz, FTP Software, Inc., "The Definitions of Managed Objects for the Link Control Protocol of the Point-to-Point Protocol", RFC 1471, 24 pages	06/1993
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

PTO-1449		Application No. 09/849,010	Applicant(s) Richard L. Klevans, et al.	
		Docket Number 064731.0171	Group Art Unit 2123	Filing Date May 4, 2001

**Information Disclosure Citation
in an Application**

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	CN	Kastenholz, FTP Software, Inc., "The Definitions of Managed Objects for the IP Network Control Protocol of the Point-to-Point Protocol", RFC 1473, 10 pages	06/1993
	CO	Baker, Cisco Systems, "IP Forwarding Table MIB", RFC 2096, 20 pages	01/1997
	CP	Awduche, et al., draft-ietf-tewg-framework-01.txt (IETF), "A Framework for Internet Traffic Engineering", 63 pages	07/2000
	CQ	U.S. Patent Application Serial No. 09/588,634, entitled "Method and System for Providing a Protection Path for Connection-Oriented Signals in a Telecommunications Network", inventors Mo, et al., 32 pages specification, claims and abstract and 3 pages of drawings (Attorney's Docket No. 064731.0141)	06/06/2000
	CR	U.S. Patent Application Serial No. 09/589,038, entitled "Method and System for Providing a Protection Path for Connectionless Signals in a Telecommunications Network", inventors Mo, et al., 38 pages specification, claims and abstract and 9 pages of drawings (Attorney's Docket No. 064731.0142)	06/06/2000
	CS	U.S. Patent Application Serial No. 09/588,806, entitled "Transport Network and Method", inventors Mo, et al., 40 pages specification, claims and abstract and 9 pages of drawings (Attorney's Docket No. 064731.0143)	06/06/2000
	CT	U.S. Patent Application Serial No. 09/588,636, entitled "Method and System for Transporting Traffic in a Packet-Switched Network", inventors Mo, et al., 32 pages specification, claims and abstract and 6 pages of drawings (Attorney's Docket No. 064731.0144)	06/06/2000
	CU	U.S. Patent Application Serial No. 09/588,632, entitled "System and Method Connectionless/Connection Oriented Signal Transport", inventors Mo, et al., 44 pages specification, claims and abstract and 7 pages of drawings (Attorney's Docket No. 064731.0145)	06/06/2000
	CV	U.S. Patent Application Serial No. 09/848,994, entitled "Method and System for Quality of Services (QoS) Support in a Packet-Switched Network", inventors Li Mo, et al., 35 pages specification, claims and abstract and 6 pages of drawings (Attorney's Docket No. 064731.0167)	05/04/2001
	CW	U.S. Patent Application Serial No. 09/848,871, entitled "Method and System for Modeling and Advertising Asymmetric Topology of a Node in a Transport Network", inventors Jaber, et al., 35 pages specification, claims and abstract and 10 pages of drawings (Attorney's Docket No. 064731.0169)	05/04/2001
	CX	U.S. Patent Application Serial No. 09/849,003, entitled "Unique Address Space and Method for a Transport Network", inventor Edwin Alton Harbin, 36 pages specification, claims and abstract and 10 pages of drawings (Attorney's Docket No. 064731.0170)	05/04/2001
	CY		
	CZ	<div>RECEIVED</div> <div>JUN 26 2003</div> <div>Technology Center 2100</div>	
	DA		
	DB		
	DC		
	DD		
	DE		
	DF		
	DG		
	DH		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.